

MURAV'YEV, I.M.; SHCHUROV, V.I.; GO SHANG-PIN [Kuo Shang-P'ing].

Effectiveness of hydraulic fracturing of strata. Neft. khoz. 35
no.12:32-41 D '57. (NIRA 11:2)
(Petroleum engineering)

KUZMAK, Ye.M., prof. doktor tekhn. nauk, red.; TARAN , V.D.,prof., doktor tekhn. nauk, red.; ZHIGACH, K.P.. prof.,red.; MURAV'YEV, I.M., prof.,red.; TIKHOMIROV,A.A., kand. ekon. nauk, red.; TEGOROV, V.I., kand. ekon. nauk, red.; CHARYGIN, M.M., prof., red.; DUBAYEV, P.F., prof., red.; CHERNOZHUKOV, N.I., prof., red.; CHARHYY,I.A., prof., red.; PANCHEMKOV, G.M., prof., red.; DAKHNOV, V.N., prof., SAMETKIN, N.S., doktor khim. nauk, red.; ALMAZOV, N.A., dots., VINOGRADOV, V.N., kand. t ekhn. nauk, red.; BIRYUKOV, V.I., kand. tekhn. nauk, red.; TAGIYEV, E.I., red.; GUREVICH, V.M., red.; GOR'KOVA, A.A., ved. red.; FEDOTOVA, I.G., tekhn. red.

[Proceedings of the conference of technical schools on the problems of new equipment for the petroleum industry] Neftvuzovskoe soveshchanie po voprosam novoi tekhniki v neftianoi promyshlennosti. 1958. materialy... Moskva, Gos. nauchno-tekhn. izd-vo neft. i gorno-toplivnoi lit-ry. Vol. 3. [Manufacture of petroleum industry equipment] Neftianoe mashinostroenie. 1958. 222 p. (MIRA 11:11)
(Petroleum industry--Equipment and supplies)

CHERNOZHUKOV, M.I., prof., doktor tekhn.nauk, red.; ZHIGACH, K.F., prof.,
otvetstvennyy red.; MURAV'YEV, I.M., prof., red.; TIKHOMIROV, A.A.,
kand.ekon.nauk, red.; YEGOROV, V.I., kand.ekon.nauk, red.; CHARYGIN,
M.M., prof., red.; DUKAYEV, F.F., prof., red.; KUZMAK, Ye.M., prof.,
red.; CHARNYY, I.A., prof., red.; PANCHENKOV, G.M., prof., red.;
DAKHNOV, V.N., prof., red.; NAMETKIN, N.S., doktor khim.nauk, red.;
ALMAZOV, N.A., dots., red.; VINOGRADOV, V.N., kand.tekhn.nauk, red.;
BIRYUKOV, V.I., kand.tekhn.nauk, red.; TAGIYEV, E.I., red.; GUREVICH,
V.M., red.; ZAMARAYEVA, K.M., vedushchiy red.; MUKHINA, E.A., tekhn.
red.

[Materials of the Interuniversity Conference on Problems of New
Practices in the Petroleum Industry] Materialy mezhvuzovskogo
soveshchaniya po voprosam novoy tekhniki v neftyanyoy promyshlennosti.
Moskva, Gos. nauchno-tekhn. izd-vo neft. i gorno-toplivnoi
lit-ry. Vol.2. [Petroleum refining] Pererabotka nefti. 1958. 289 p.
(MIRA 11:6)

1. Mezhvuzovskoye soveshchaniye po voprosam novoy tekhniki v
neftyanyoy promyshlennosti. 1956.
(Petroleum--Refining)

ZHIGACH, K.P., prof., red.; MURAV'YEV, I.M., prof. doktor tekhn.nauk, red.;
TIKHOVICH, A.A., kand.ekon.nauk, red.; YEGOROV, V.I., kand.ekon.
nauk, red.; CHARYGIN, M.M., prof., red.; DUMAYEV, F.F., prof., red.;
CHERNOZHUKOV, N.I., prof., red.; KUZMAK, Ye.M., prof., red.;
CHARMYY, I.A., prof., red.; PANCHENKOV, G.M., prof., red.; DAKHNOV,
V.N., prof. doktor geologo-mineralogicheskikh nauk, red.; NAMETKIN,
N.S., doktor khim.nauk, red.; ALMAZOV, N.A., dots., red.; VINOGRADOV,
V.N., kand.tekhn.nauk, red.; BIRYUKOV, V.I., kand.tekhn.nauk, red.;
TAGIYEV, E.I., red.; GUREVICH, V.M., red.; DOBRYNIINA, N.P., vedushchiy
red.; MUKHINA, N.A., tekhn.red.

[Proceedings of an interschool conference on problems of new techniques
in the petroleum industry] Materialy Meshvuzovskogo soveshchaniya
po voprosam novoy tekhniki v neftyanoy promyshlennosti. Moskva, Gos.
nauchno-tekhn.izd-vo neft. i gorno-toplivnoi lit-ry. Vo.1.
[Prospecting and exploitation of oil and gas fields] Razvedka i
razrabotka neftianykh i gazovykh mestorozhdenii. 1958. 311 p.
(MIRA 11:4)

1. Meshvuzovskoye soveshchaniye po voprosam novoy tekhniki v
neftyanoy promyshlennosti.
(Petroleum engineering) (Gas, Natural--Geology)

11(4)

PHASE I BOOK EXPLOITATION

SOV/1502

Murav'yev, Ivan Mikhaylovich, Ruben Samsonovich Andriasov, Shamil' Kashafovich Gimatudinov, Galina Leonidovna Govorova, and Vladimir Tikhonovich Polozkov.

Razrabotka i ekspluatatsiya neftyanykh i gazovykh mestorozhdeniy (Development and Exploitation of Oil and Gas Deposits) Moscow, Gostoptekhizdat, 1958.
495 p. 6,000 copies printed.

Reviewers: Yu. P. Borisov, Candidate of Technical Sciences; Ed.: I.M. Murav'yev, Professor; Exec. Ed.: Z.A. Savina; Tech. Ed.: E.A. Mukhina.

PURPOSE: The book is intended as a textbook for students in engineering, economic and geological-surveying subjects in petroleum institutes, and may be used by the engineering and technical personnel in oil fields.

COVERAGE: The authors survey modern scientific concepts of the physics of formations, the theory of petroleum, gas and gas-condensate field development, and the technology of oil and gas production. They review the methods of planning the development of oil and gas fields, the maintenance of formation pressures and secondary oil-recovery methods, the modern state and techniques of oil and gas wells exploitation and maintenance, as well as the gathering of oil and gas

Card 1/12

Development and Exploitation of Oil and Gas Deposits

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in the fields, primary working processes, transportation, storage, and the utilization of gas. The book was reviewed by the faculty of oil field development of the Groznenkiy neftyanoy institut (Groznyy Petroleum Institute) and Yu. P. Borisov, Candidate of Technical Sciences. There are 88 Soviet references.

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Foreword

Introduction

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Card 2/12

AUTHOR:

Mirav'ev, I.M. and Go Shan-pin

Sov/93-58-4-9/19

TITLE:

About the Effectiveness of Large-scale Fracturing of Formations (Ob effektivnosti massovogo provedeniya gidravlicheskogo razryva plasta)

PERIODICAL: Neftyanoye khozyaystvo, 1958, Nr 4, pp 39-44 (USSR)

ABSTRACT: This article presents experimental data on large-scale hydraulic fracturing of formations in which there are many wells and on the effect of this method on oil well yield during exploitation under both gas and intense water injection conditions. The study was made on a system of parallel rectilinear rows of wells consisting of six evenly spaced rows of producing wells bounded on each side by a row of injection wells (Fig. 1). The oil yield obtained under gas injection conditions was determined by the N.S. Piskunov method [Ref.1,2], and that obtained under intense water injection was determined by the filtration resistance method of Yu.P. Borisov [Ref.3]. Fig. 2 reflects the hydraulic fracturing efficiency in relation both to the spacing of the wells in their respective rows and to the state of the wells prior to fracturing. This diagram shows that hydraulic fracturing of a formation in which there are many wells is considerably less effective than in a formation in which there is one well. This condition was also noted in the technical literature [Ref.4]. However, the fracturing effect where there are many wells can be considerably raised by improving the condition of the wells prior to fracturing as well as by increasing the distance between the wells (Table 1). Figs. 3-4 reflect

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About the Effectiveness of Large-scale Fracturing (Cont.) Sov/93-58-4-9/19

respectively the effect of hydraulic fracturing when applied to one out of four rows of wells and when applied to three out of four rows of wells. These diagrams show that, in the first case, the oil yield increases most when the row of injection wells and not the row of producing wells is fractured, and that, in the second case, the oil yield is least when the three rows of producing wells for the individual rows of producing wells and for the row of injection wells, as well as in the case when no fracturing is applied. The experimental data indicate that the producing wells. The authors conclude that a satisfactory fracturing of the producing wells. There are 4 figures, 2 tables, and 4 Soviet references.

1. Petroleum--Production 2. Gases--Injection 3. Water--Injection 4. Wells

Card 2/2 --Processing

MURAVIEV, I. M., ZHIGACH, K. F., SUKHAREV, G. N. BAZHAYEV, S. B.

"Higher and Secondary Petroleum Education in the Soviet Union."

Report submitted at the Fifth World Petroleum Congress, 30 May -
5 June 1959. New York.

MURAV'EV, I.M.

APEL'TSYN, I.N., doktor tekhn.nauk; BARS, Ye.A., kand.geol.-min.nauk;
BORISOV, Yu.P., kand.tekhn.nauk; VELIKOVSKIY, A.S., prof.; VYSOTSKIY,
I.V., kand.geol.min.nauk; GOGOROVA, G.L., dots.; DAKHNOV, V.M., prof.
ZHDANOV, M.A., prof.; ZHUKOV, A.I., dots.; KOTYAKHOV, F.I., prof.;
KREMS, A.Ya., doktor geol.-min.nauk; MURAV'EV, I.M., prof.;
MUSHIN, A.Z., inzh.; NAMJOT, A.Kh., kand.tekhn.nauk; KHODANOVICH,
I.Ye., kand.tekhn.nauk; KHLYSTOV, V.T., inzh.; CHERNOV, B.G., kand.
tekhn.nauk; SHUROV, V.I., dots.; SAVINA, Z.A., vedushchiy red.;
POLOSINA, A.S., tekhn.red.

[Manual fo petroleum extraction] Spravochnik po dobysche nefti.
Pod obshchey red. I.M.Murav'eva. Moskva, Gos. anuchno-tekhn.izd-vo
neft. i gorno-toplivnoi lit-ry. Vol. 1. 1958. 540 p. (MIRA 11:4)
(Petroleum industry)

TREBIN, Gavril'd Fomich; MURAV'YEV, I.M., prof., doktor tekhn.nauk, red.;
KAYESEKOVA, S.N., vedushchiy red.; MEDOTOVA, I.G., tekhn.red.

[Filtration of liquids and gases in porous media] Fil'tratsiya
zhidkostei i gazov v poristykh sredakh. Pod red. I.M.Murav'eva.
Moskva, Gos.nauchno-tekhn.izd-vo neft. i gorno-toplivnoi lit-ry,
1959. 156 p. (MIRA 13:2)
(Filters and filtration)

ADONIN, A.N., kand.tekhn.nauk; ALIVERDIZADE, K.S., kand.tekhn.nauk;
AMIYAN, V.A., kand.tekhn.nauk; ANISIMOV, Ye.P., inzh.; APRESOV,
K.A., dotsent; BELEN'KIY, V.N., inzh.; BOGDANOV, A.A., kand.
tekhn.nauk; GORENENKO, L.A., inzh.; DANILEYAN, A.A., inzh.;
DAKHNOV, V.N., prof.; IVANKOV, R.A., inzh.; KORNEYEV, M.I., inzh.;
LAVRUSHKO, P.N., inzh.; LESIK, N.P., inzh.; LOVLIA, S.A., kand.
tekhn.nauk; LOGIMOV, B.G., kand.tekhn.nauk; MININSON, G.M., kand.
tekhn.nauk; MOLCHANOV, G.V., kand.tekhn.nauk; MURAV'LEV, I.M.,
prof.; MUSHIN, A.Z., inzh.; OL'SHVANG, D.Ye., inzh.; PODGORNOV,
M.I., inzh.; PAYERMAN, I.L., kand.tekhn.nauk; FOKINA, Ye.D., inzh.;
REFISHEV, A.M., inzh. [deceased]; YERSHOV, P.R., vedushchiy red.;
MUKHINA, E.A., tekhn.red.

[Reference book on petroleum production] Spravochnik po dobyste
nefti. Moskva, Gos.nauchno-tekhn.izd-vo neft. i gorno-toplivnoi
lit-ry. Vol.2. 1959. 589 p. (MIRA 13:2)
(Oil fields--Production methods)

MURAV'YEV, I.M.; KHALIKOV, G.A.

Field determination of the yield of wells operating under
bottom hole pressure below the bubble point pressure. Izv.vys.
ucheb.zav.; neft' i gaz 2 no.12:59-61 '59. (MIRA 13:5)

1. Moskovskiy institut neftekhimicheskoy i gazovoy promyshlennosti
imeni akademika I.M.Gubkina.
(Oil reservoir engineering)

MURAV'EV, I.M.; REPIN, N.N.; LYUSHIN, S.P.

Characteristics of reservoir fluid flow after the shutting in of
flowing wells. Neft. khoz. 37 no.1:49-54 Ja '59.
(MIRA 12:3)

(Oil reservoir engineering)

MURAV'YEV, I.M.; REPIN, N.N.

Characteristics of the performance of tubings. Neft.khoz. 37
no.12:24-30 D '59. (MIRA 13:5)
(Pipe)

MURAV'YEV, I.M., prof.; ARZUMANOV, Sh.K., inzh.; ARKHANGEL'SKIY, N.K.,
inzh.; BAZLOV, M.N., inzh.; GROBSHTYN, S.R., kand.tekhn.nauk;
ZHUKOV, A.I., dotsent, MAKHMUDIYEV, B.A., inzh.; MOVSISOV,
N.S., inzh.; MURAV'YEV, V.M., inzh.; NEGREYEV, V.P., kand.tekhn.
nauk; PLOTNIKOV, S.G., kand.tekhn.nauk; PODGORNOV, M.I., inzh.;
HUBACHEV, G.N., kand.ekon.nauk; SULTANOV, D.K., inzh.; SHTER,
B.O., inzh.; SAVINA, Z.A., vedushchiy red.; POLOSINA, A.S.,
tekhn.red.

[Reference book on petroleum production] Spravochnik po dobychе
nefti. Moskva, Gos. nauchno-tekhn. izd-vo neft. i gorno-toplivnoi
lit-ry. Vol.3. 1960. 712 p. (MIRA 13:5)
(Oil fields--Production methods)

MURAV'YEV, I.M.; KHALIKOV, G.A.

Effect of the lowering bottom pressure on the cost of oil produced
with an electric submerged pump. Izv. vys. ucheb. zav.; neft'
i gaz 3 no.4:125-128 '60. (MIRA 15:6)

1. Moskovskiy institut neftekhimicheskoy i gazovoy
promyshlennosti imeni akademika I.M. Gubkina.
(Oil fields—Production methods)

MURAV'YEV, I.M.; KHALIKOV, G.A.

Distribution of oil recovery based on pumping wells. Izv. vys.
ucheb. zav.; neft' i gaz 3 no.10:121-123 '60. (MIRA 14'4)

1. Moskovskiy institut neftekhimicheskoy i gazovoy promyshlennosti
imeni akademika I.M.Gubkina.
(Oil fields—Production methods)

MURAV'YEV, I.M.; KHALIKOV, G.A.

Economic effectiveness of switching flowing wells to the exploitation
by deep well electric pumps. Trudy NIIKhGOF no.29:93-101 '60.
(NIRA 13:12)

(Oil fields—Production methods)

MURAV'YEV, I.M.; KHALIKOV, G.A.; YURIN, I.Ya.

Calculating pressures measured at depths above the saturation
pressure depth in order to determine well bottom pressures.
Neft.khoz. 38 no.8:26-29 Ag '60. (MIRA 13:8)
(Oil wells)

MURAV'YEV, I.M.; GIMATUDINOV, Sh.K.; YEVGEN'YEV, A.Ye.

Problem of modeling nonuniform oil layers. Izv. vys. ucheb. zav.;
neft' i gaz 4 no.5:63-67 '61. (MIRA 15:2)

1. Moskovskiy institut nefttekhimicheskoy i gazovoy promyshlennosti
imeni akad. I.M.Qubkina.
(Oil reservoir engineering)

GIMATUDINOV, Sh.K.; MURAV'YEV, I.M.; YEVGEN'YEV, A.Ye.

Flooding oil from nonuniform porous media with waters having
various compositions. Izv. vys. ucheb. zav.; neft' i gaz 4
no.12:61-64 '61. (MIRA 16:12)

1. Moskovskiy institut neftekhimicheskoy i gazovoy promyshlenonosti imeni akademika I.M.Gubkina.

~~MURAV'YEV, I.M.; YEVDOKIMOV, S.Ye.; TSYBUL'SKIY, G.P.;~~
~~CHERNOV, B.S.~~

Analysis of methods of processing pressure change curves in
oil wells. Neft. khoz. 39 no.3:35-40 Mr '61.
(MIRA 16:7)
(Oil reservoir engineering)

MURAV'YEV, I.M.; ABDULIN, F.S.; ROMANOVA, N.L.

Using pressure build-up curves for determining the lithologic characteristics of a layer and their effect on the intake properties of injection wells. Neft. khoz. 40 no.7:35-40 J1
'62. (MIRA 17:3)

MURAV'YEV, I.M.; SHCHELKACHEV, V.N.

Brief outline of the 40 years of the publication of "Naftovoe
khozaiistvo." Neft. khoz., 40 no.12:9-13 D '62. (MIRA 16:7)

(Petroleum production--Periodicals)

MURAV'YEV, Ivan Mikhaylovich; ABDULIN, Fuat Salakh'yanovich; VATOLIN, G.N., ved. red.; STAROSTINA, L.D., tekhn. red.

[Completion and study of injection wells as exemplified by the industry of Bashkiria] Osvoenie i issledovanie magnetatel'-nykh skvazhin; na primere promyshlennosti Bashkirii. Moskva, Gostoptekhizdat, 1963. 155 p. (MIRA 16:5)
(Bashkiria—Oil reservoir engineering)

GIMATUDINOV, Shamil' Kashafovich, dots.; KUSAKOV, M.M., prof.,
retsenzent; Prinimali uchastiye: GUZHNOV, A., dots.,
retsenzent; POLYAKOV, G., kand. tekhn. nauk, retsenzent;
MURAV'YEV, I.M., red.; SAVINA, Z.A., ved. red.; VORONOVA,
V.V., tekhn. red.

[Physics of oil-bearing beds] Fizika neftianogo plasta. Pod
red. I.M.Murav'eva. Moskva, Gostoptekhizdat, 1963. 274 p.
(MIRA 16:12)

1. Moskovskiy institut neftekhimicheskoy i gazovoy pro-
myshlennosti im. akad. Gubkina (for Gimatudinov).
(Petroleum geology)

MURAV'YEV, I.M.; MAKSIMOV, V.P.

Periodic exploitation of flooded wells as a method for improving
the external parameters of a centrifugal sinking electric pump.
Neft.khoz. 41 no.10:35-40 O '63. (MIRA 17:4)

MURAV'YEV, I.M.; MISHCHENKO, I.T.

Determining the pressure at the intake of a pump in a well exploited
by a sinking centrifugal electric pump. Nefteprom. delo no. 9:25-26
'64. (MFA 17:10)

1. Moskovskiy ordena Trudovogo Krasnogo Znameni institut neftekhimi-
cheskoy i gazovoy promyshlennosti im. akademika Gubkina.

MURAV'YEV, I.M.

Petroleum production technology and equipment. Neft. khoz.
42 no.9/10;137-140 S-0 '64. (MERA 17;12,

MURAV'YEV, I.M.; GIMATUDINOV, Sh.K.; NIKOLAYEV, V.A.

Effect of the water drive rate on the oil yield. Trudy MIRKHOF
no.48 3-12 '64. (MIRA 18:3)

MURAV'YEV, I.M.; GIMATUDINOV, Sh.K.; NIKOLAYEV, V.A.; MUSTAPIN, G.G.

Effect of the degree of the nonuniformity of a porous medium
on oil yield. Izv. vys. ucheb. zav.; neft' i gaz 7 no.11:35-38
'64.
(MIRA 18:11)

1. Moskovskiy institut neftekhimicheskoy i gазovoy promyshlen-
nosti im. akad. I.M. Gubkina.

MURAV'YEV, I.N., inzhener.

Anticorrosive insulation of underground pipelines in cities of the USA. Gor.
khz.Mosk. 21 no.6:40-46 Je '47. (MIRA 6:11)
(Corrosion and anticorrosives) (Pipelines)

MURAV'YEV, I.N. (Moscow, Glavsnabpros)

Where and under what conditions can schools receive educational
films? Fiz. v shkole 14 no.4:90 Jl-Ag '54. (MIRA 7:7)
(Motion pictures in education)

MURAV'YEV, I.N.; MAYZEL'S, P.B.

Supplying gas to domestic consumers from high-pressure gas networks.
Gor. khoz. Mosk. 29 no.5:25-29 My '55. (MLRA 8:6)

1. Direktor Instituta "Mospodzemproekt." (for Murav'yev). 2. Glavnyy inzhener Instituta "Mospodzemproekt." (for Mayzel's).
(Moscow--Gas distribution)

Al'kin et al., L.N.

ALEKSANDROVICH, A.I.; VIGDORCHIK, D.Ya.; DRUSKIN, L.I.; ZIL'BERSHTEYN, I.A.;
MAYZEL'S, P.B.; MURAVLYEV, I.M.; PODKOPAYEV, N.F.; SLADKOV, S.P.;
STOYUNIN, G.P.; AVRUSHCHEMOK, R.A., red.; KONYASHINA, A.D., tekhn.red.

[Gasburners for city gas use] Gazogorelochnye ustroistva dlja gorod-
skogo gaseosnabzhenija. Pod obshchei red. P.B.Mayzel'sa. Moskva,
Izd-vo M-va kommun.khoz. RSFSR, 1957. 202 p. (MIRA 11:2)
(Gas-burners)

MURAV'YEV, I.N.; MAKHOVER, Ya.S.; ALEKSANDROVICH, A.I.

Sanitary engineering pipes made of plastic materials. Gor. khoz.
Mosk. 32 no.7±8 Jl '58. (NIRA 11:6)

1. Direktor instituta "Mospodzemprojekt" (for Murav'yev).
2. Balkovoditel' masterskoy No.9 instituta "Mospodzemprojekt" (for Makhover).
3. Glavnuyy inshener masterskoy No.9 instituta "Mospodzemprojekt" (for Aleksandrovich).

(Pipe, Plastic)

MURAV'YEV, I.N., inzh.; SHAL'NOV, A.P., inzh.

New techniques for laying urban underground steel pipelines.
Stroi.truboprov. 5 no.1:16-19 Ja '60. (MIRA 13:8)
(Gas, Natural--Pipelines)

KHORRE, V.E., inzh.; LIKHACHEV, A.S., inzh.; LUNKEVICH, M.V., inzh.;
MURAV'YEV, I.M., inzh.; FILIMONOV, V.A., inzh.

Public utilities and communications in a satellite city
near Moscow. Gor.khoz.Mosk. 34 no.4:10-13 Ap '60.
(MIRA 13:8)

(Kryukovo--City planning)
(Kryukovo--Severage)

MURAVEV, I.P.

REVIS. V.A., kand.med.nauk (Kalinin (obl.), 23, 1-ya Pervolotskaya ul.
d.40, kv. 13); MURAVEV, I.P.

Absorbability of tagged erythrocytes from the abdominal cavity in
aseptic conditions and in experimental peritonitis [with summary
in English. p.159]. Vest.khir. 80 no.1:103-108 Ja '58.

(MIRA 11:4)

1. Is fakul'tetskoy khirurgicheskoy kliniki (zav. - prof. A.G.
Karavanov) Kalininskogo meditsinskogo instituta.

(PERITONITIS, exper.

absorp. of labeled erythrocytes from abdom. cavity in
cats, comparison with normal subjects (Rus))

(ERYTHROCYTES

absorp. of laboled erythrocytes from abdom. cavity in
exper. peritonitis in cats, comparison with normal
subjects (Rus))

MURAV'EV, I.S.

MURAV'EV, I.S.; IGNAT'EV, V.I.; SELIVANOVSKIY, B.V.

Remnants of terrestrial vertebrates from the variegated deposits
in the northern regions of Kirov Province. Dokl.AN SSSR 94 no.3:
557-560 Ja '54. (MLRA 7:1)

1. Kasanskiy gosudarstvennyy universitet im. V.I.Ulyanova-Lenina.

Predstavлено академиком D.V.Malivkinym.

(Kirov Province--Paleontology) (Paleontology--Kirov Province)

MURAVYEV, I. S.

USER/Geology

Card 1/1 Pub. 22 - 41/52

Author(s) : Muravyev, I. S., and Ivanov, Ye. Ye.

Title : About the Kynovsk strata of south-eastern Tataria, Kazansk Trans-Volga and Udmurtia

Periodical : Dok. AN SSSR 101/4, 739-742, Apr 1, 1955

Abstract : Geological-stratigraphic data are presented on the origin and characteristics of Kynovsk strata prevalent in south-eastern Tataria, Kazansk Province of Trans-Volga and Udmurtia Province of the USSR. Three USSR references (1951-1953). Drawing.

Institution : The V. I. Ulyanov-Lenin State University, Kazan

Presented by: Academician D. V. Malivkin, January 17, 1955

MURAV'YEV, I.S.

ELLERH, S.S. (Kazan'); TROTEPOL'SKIY, V.I. (Kazan'); MURAV'YEV, I.S. (Kazan');
IVANOV, Ye.Ye. (Kazan'); KOROBOVA, N.P. (Kazan'); MALYSHEVA, O.N.
(Kazan'); CHURINA, N.P. (Kazan')

Stratigraphy and facies structure of the Devonian in the Tatar
A.S.S.R. Uch.sap.Kaz.un. 115 no.10:85-88 '55. (MLRA 10:5)
(Tatar A.S.S.R.--Geology, Stratigraphic)

MURAV'YEV, I.S.; IVANOV, Ye.Ye.; VESELOV, G.S.

Facies of the terrigenous Devonian on the eastern slope of the
northern dome of the Tatar arch. Trudy VNIGNI no.20:38-52. '59.
(MIRA 13:6)

(Tatar A.S.S.R.—Geology, Stratigraphic)

MURAV'IEV, I.S.

Stratigraphy and facies structure of upper Permian deposits in the
basin of the middle course of the Pechora River. Dokl. AN SSSR
(NIRA 14:1)
136 no. 21421-423 '61.

1. Kazanskiy gosudarstvennyy universitet imeni V.I. Ul'yanova-Lenina.
Predstavleno akademikom D.V. Malivkinym.
(Pechora Valley—Geology, Stratigraphic)

EPSHTEYN, Ye.I., inzh.; SMORODINOV, A.N., inzh.; BOCHAROV, D.I., inzh.;
BOCHKAREV, G.N., inzh.; Prinimali uchastiye: MURAV'YEV, I.T.;
MASLOV, V.I.; LOBANOV, I.I.; IVANOV, A.P.; IVANOV, L.I.

Start of converter substations with mercury-arc rectifiers without
sorting and forming of the rectifiers. Prom. energ. 18 no.932-35
(MIRA 16:10)
S '63.

MURAV'YEV, I. V.

MURAV'YEV, I.V., inzhener; DANILOV, P.I., inzhener.

[Design and operation of railroad engines and machinery] Ustroistvo
i eksploatatsiya putevykh mashin i mekhanizmov. Moskva. Gos.transp.
shel-dor. izd-vo, 1953. 558 p. (MLRA 7:2)
(Railroad motorcars) (Gas and oil engines) (Electric motors)

MURAV'YEV, Ivan Vladimirovich, inzhener; DANILIN, Pavel Ivanovich, inzhener;
FISHCHUKOV, M.A., kandidat tekhnicheskikh nauk, redaktor; VERINA,
G.P., tekhnicheskiy redaktor

[Heavy track machinery] Putevye mashiny tiazhelego tipa. Moskva,
Gos. transp. zhel-dor. izd-vo, 1957. 387 p.
(Railroads--Track)

(MIRA 10:11)

MURAVOV I.V.

USSR/Human and Animal Physiology - General Problems.

V-1

Abs Jour : Ref Zhur - Biol., No 2, 1958, 8263

Author : I.V. Muravov

Inst : The A.A. Bogomolets Medical Institute of Kiev.

Title : The Processes of Fatigue and Recovery in the Physiological Mechanism of Active Rest.

Orig Pub : Abstracts of Doctoral Dissertations of the A.A. Bogomolets Medical Institute of Kiev, Kiev 1957.

Abstract : No abstract.

Card 1/1

ZEMLYANSKIY, N. I.; KLIMOVSKAYA, L. K.[deceased]; GALIBEY, V. I.;
DRACH, B. S.; MURAV'IEV, I. V.; TURKEVICH, V. V.

Synthesis of some derivatives of esters of 0,0'-dialkylphosphorodithioic acids and their infrared spectra. Zhur. ob. khim. 32 no.12:4066-4069 D '62. (MIRA 16:1)

1. L'vovskiy gosudarstvennyy universitet.

(Phosphorodithioic acid—Spectra)

ZEMLYANSKIY, N.I., [Zemlians'kyi, M.I.]; MURAV'YEV, I.V. [Muraviov, I.V.]

Substituted dithiophosphates. Dop. AN URSR no.8:1064-1067 '63.
(MIRA 16:10)

1. L'vovskiy gosudarstvennyy universitet. Predstavлено академиком
AN UkrSSR A.V.Kirсановym [Kirсанов, O. V.].
(Phosphorodithioic acid)

ACCESSION NR: AP4021979

8/0073/64/030/002/0190/0194

AUTHOR: Zemlyanskiy, N. I.; Turkevich, V. V.; Murav'yev, I. V.; Barylyuk, V. V.

TITLE: Spectral characteristic of the P-S bond in certain dithiophosphates

SOURCE: Ukrainskiy khimicheskiy zhurnal, v. 30, no. 2, 1964, 190-194

TOPIC TAGS: vibrational spectrum, IR spectrum, dithiophosphate, phosphorus sulfur double bond, alkyl dithiophosphate, acyl dithiophosphate, acyl dithiophosphate, frequency shift, phosphorus sulfur bond frequency, spectral analysis

ABSTRACT: The vibrational spectra of a number of dithiophosphates were studied to determine the possibility of applying such physical methods to the determination of molecular structures of these phosphorus organic compounds. The IR spectra in the 400-2400 cm^{-1} region of a series of alkyl and acyl derivatives of dithiophosphoric acid were examined; the position of the frequency of the P-S vibrations in these compounds was determined to be in the 640-680 cm^{-1} range. The additional environment of the P atom affects the vibration of the P-S bonds. The more electropositive the C atom bound to the S, the greater is the shift (up to

Card 1/2

ACCESSION NR: AP4021979

about 30 cm⁻¹) of the P-S frequency to the long waves. Orig. art. has: 1 figure
and 1 table.

ASSOCIATION: L'vovskiy gosudarstvennyy universitet im. I. Franko (Lvov State
University)

SUBMITTED: 28Feb63

DATE ACQ: 09Apr64

ENCL: 00

SUB CODE: PH

NO. REF. Sov: 010

OTHER: 009

Cod. 2/2

ZEMELYANSKIY, N.I.; MURAV'YEV, I.V.

Synthesis of esters of phosphorodithioic acids with a substituent in
the β -position in an alcohol radical. Zhur. ob. khim. 34 no.1:98-102
Ja '64. (MIRA 17:3)

1. L'vovskiy gosudarstvennyy universitet imeni Iv. Franko.

L-7897-66 EWT(m)/EPF(c)/EWP(j) BM

ACC NR: AP5024973

SOURCE CODE: UR/0286/65/000/016/0034/0034

AUTHOR: Marev'ev, I. V.

ORG: none

TITLE: Method for obtaining alkali metal salts of β,β -dialkyldithio- or β -alkyltri-thiophosphoric acids. Class 12, No. 173766

SOURCE: Byulleten' izobretens' i tovarnykh snakov, no. 16, 1965, 34

TOPIC TAGS: dialkyldithiophosphoric acid salt, organic phosphorus compound, alkali metal, organic salt

ABSTRACT: This Author Certificate presents a method for obtaining alkali metal salts of either β,β -dialkyldithio- or β -alkyltri-thiophosphoric acids by reacting phosphorus pentasulfide with alcohols in the presence of a base. To simplify the process, alkali metal alcoholates or hydroxides are used as the base, and the resulting mixture is separated by the usual methods.

SUB CODE: 07/

SUBM DATE: 18Jan64

nw
Card 1/1

UDC: 547.419.1.07

ZEMLYANSKIY, N.I.; MURAV'YEV, I.V.

Reaction of phosphorus pentasulfide with alcohols in the presence of bases. Dokl. AN SSSR 163 no.3:654-655 Jl '65. (MIRA 18:7)

1. L'vovskiy gosudarstvennyy universitet im. Iv.Franko. Submitted January 11, 1965.

MURAV'YEV, Ivan Vladimirovich; OGAR', Yuriy Sergeyevich;
PAL'CHUN, Petr Savel'yevich; ABRAGAM, S.R., inzh., red.

[Machinery and tools for track maintenance and repair] Putevye mekhanizmy i instrument. Moskva, Transport, 1964.
311 p. (MIRA 18:9)

MURAV'YEV, K.K.

Means of reducing the accumulation of carbon disulfide in
spinning sections. Khim. volok. no. 3:63-65 '64. (MIRA 17:8)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut okhrany
truda Vsesoyuznogo tsentral'nogo soveta professional'nykh
soyuzov, g. Ivanovo.

MURAV'YEV, K. K., Engineer

"The Motion of Air and Heat Currents in
Spinning-Frame Rooms of Cotton Factories."
Thesis for degree of Cand. Technical Sci.
Sub 23 Mar 50, Moscow Textile Inst

Summary 71, 4 Sep 52, Dissertations
Presented for Degrees in Science and Engineering
in Moscow in 1950. From Yechernaya Moskva.
Jan-Dec 1950.

MURAV'YEV, K.K.

New methods of ventilating clothing factories. Leg.prom. 14 no.6:
30-32 Je '54.
(Clothing industry) (Factories--Heating and ventilation)
(MIRA 7:8)

Murav'ev, K. K.

MURAV'EV, K.K., kand.tekhn.nauk.

Use of transportable vacuum cleaners in the textile industry.
Tekst.prom. 17 no.9:50-52 S '57. (MIRA 10:11)
(Textile industry—Equipment and supplies) (Vacuum cleaning)

ZETTLENO~~K~~, Grigoriy A., DOLUKHAEV, M. P., MURAVYEV, K. Kh., PALSHKOV, V. V.
FOMISHEV, I. N. and PRADIM, A. Z.

"Research Work of the Leningrad Electrical Engineering Institute of
Communications on the Propagation of Radio Waves by Means of Tropospheric Scatter
on the Experimental Leningrad-Petrozavodsk Line."

paper presented at the Conference on Propagation of Very Short Waves in Prague
(Liblice) 10-12 November 1958.

MURAV'EV, K. N.

Remont metallorezhibchikh stankov; tekhnologiya i organizatsiya. M:skva,
Mashgiz, 1949. 207o. illus.

Repair of metal-cutting machines; technique and organization.

DLC: TJ1230.M8

SO: Manufacturing and Mechanical Engineering in the Soviet Union, Library of
Congress, 1953.

MURAV'YEV, K. N.

Slesarno-sborochnoe delo [Mechanic-assembly work.]. Moskva, Mashgiz, 1952.
360 p.

SO: Monthly List of Russian Accessions, Vol. 6 No. 9 December 1953

MURAV'YEV, K. N.

6667. Remont metallorezhushchikh stankov. Tekhnologiya i organizatsiya, Izd.
2-ye, pererabot. i dop. Moskva-Sverdlovsk, mashgiz, Uralo-Sib. otd-nye,
1954. 300 s., s ill. 23sm. 22.000 ekz. (1-y zavod 1-5 tys.) 7 r. 70k. V per.--
155-2967/ 621.91-77

SO: KNIZHANYA LETOPIS' NO. 6, 1955

1. MALYSHKIN, K. P., Engs.; MURAVYEV, K. N.
2. USSR 600
4. Ponomarev, V. T.
P. S.
7. Experience of V. T. Ponomarev, innovator in tooth cutting (Ural Machine Building Plant), Vest, mash, 32, No. 6, 1952.
9. Monthly List of Russian Accessions, Library of Congress, April 1953, Uncl.

FEDOROV, B.F.; MUHAYEV, K.N., retsensent, inzhener, KONUTKHOV, S.M.
redaktor, Inzhener, STUDENITSYE, B.P., redaktor; DUGIHA, N.A.,
tekhnicheskiy redaktor.

[An efficient method for force-fitting and disassembling pres-
sure-fitted machine parts] Ratsional'nyi sposob raspressoovki i
zapressovki detalei. Moskva, Gos.nauchno-tekhn.izd-vo mashin-
ostroit.lit-ry, 1955. 65 p.
(Machine-shop practice) (MLRA 8:11)

MORAV'YEV, K.N.; MALOFEEV, P.R., inzhener, redaktor; LEONOV, A.G., inzhener, redaktor.

[Repair of metal cutting machines; technology and organization] Rement metallocerezhushchikh stankov; Technologiya i organizatsiia. Izd. 2-e, perer. i dop. Moskva, Gos.nauchno-tekhn.izd-vo mashinostroitel'noi lit-ry, 1955. 304 p.
(Machine tools)

(MIRA 8:4)

MURAV'YEV, K.N.; KONYUKHOV, S.M., dotsent; VUL'FIN, Z.B.; FEDOROV, B.F.,
Inzhener, retsenzent; KOROLEV, M.F., inzhener, retsenzent.

[Machine shop practice] Slesarno-sborochnoe delo. Pod red. S.M.Koniukhova. Moskva, Gos.nauchno-tekhn.izd-vo mashinostroitel'noi lit-ry, 1955. 403 p.
(Machine-shop practice)

MURAV'YEV, K.M.; KONTUKHOV, S.M., dots., red.; VUL'FIN, Z.B.; FEDOROV, B.F.,
inzh., retsenzent; KOROLEV, M.F., inzh., retsenzent; DUGIN, N.A.,
tekhn. red.

[Work of mechanic and fitter] Slesarno-sborochnoe delo. Pod red.
S.M. Konukhova. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit.
lit-ry, 1956. 397 p. (MIRA 11:7)

(Machine-shop practice)

MURAV'YEV, K.N.; MURZIN, I.K.; PETRIK, M.I., inzh., retsenzent;
SHISHKIN, Ye.I., inzh., retsenzent; DELYUKIN, L.N., inzh.,
ved. red.; YERMAKOV, N.P., tekhn. red.

[Repair of machine tools] Remont metallorezhushchikh stan-
kov. Izd.3., perer. i dop. Moskva, Mashgiz, 1963. 392 p.
(MIRA 16:11)
(Machine tools--Maintenance and repair)

TAKH, A.; MURAV'YEV, L., tekhnik; LEBEDINSKIY, L., inzh.; LABETSKAYA, V.,
inzh.; GOREHACHEV, A., inch.

Practices of innovators. Stroitel' no.7:26-27 Jl '60.
(MIRA 13:8)
(Building--Tools and implements)

MURAV'YEV, L. D. (Vet., Epizootiologist)

"A typical treatment of fascioliasis of sheep."

SO: Veterinariya 27 (12), 1950, p. 28

Dnepropetrovsk Suburban rayon

MURAVYEV, M.G., doc., kand. tekhn. nauk; LIAFATI, D.D., kand. tekhn. nauk, doce., retsenzent; CHOM, V.G., kand. fiz.-mat. nauk, dts., retsenzent; NEKHAY, V.T., red.

[Using the deduction method in investigating basic thermodynamic processes] Issledovanie osnovnykh termodinamicheskikh protsessov deduktivnym metodom. Minsk, Izd-vo "Vysshiaia shkola," 1963. 57 p. (MIRA 17:6)

BOLDIN, K.M. (Yaroslavl'); DROZDOVA, Z.S.; LEVIN, R.I.; VAYSMAN, L.A.
(Kuybyshev-obl.); PODOSINOVSKIY, V.V.(Kazan'); SAYFULLINA, Kh.M.
(Kazan'); BUSYGIN, N.V.(Kazan'); RAZUMOVSKIY, Yu.K.(Leninogorsk);
GEL'PER, G.A., dotsent (Gor'kiy); MAMISH, M.G.(Kazan'); RAFALOVICH,
M.B., dotsent; MEL'NICHUK, S.P., kand.med.nauk; KRAPIVIN, B.V.;
STAROVEROV, A.T. (Saratov); SURIN, V.M.; PORESENKOV, V.S.(Romodanovo,
Mordovskoy ASSR); ANDROSOV, M.D.(Moskva); ZARIPOV, Z.A.(Urussu,
Tatarskoy ASSR); MURAV'YEV, M.F.(Izhevsk); KUZ'MIN, V.I.(Batyrevo,
Chuvashskoy ASSR); SITDYKOV, E.N.(Kazan'); YUDIN, Ya.B.(Novokuznetsk)

Short reports. Kaz.med.zhur. no.4:81-91 J1-Ag '62. (MIRA 15:8)
(MEDICINE--ABSTRACTS)

MURAV'YEV, M.F.

Conservative treatment of patients with trophic ulcers of the lower extremities in dispensaries. Trudy Izhev. gos. med. inst. 21:214-219 '64.

(MIRA 19:1)

1. Kafedra operativnoy khirurgii, klinicheskoy i topograficheskoy anatomii (zav. - prof. A.Ya. Kulinich) i kafedra gospital'noy khirurgii (zav. - prof. A.I. Zverev) Izhevskogo meditsinskogo instituta.

MURAV'YEV, M. I., insh.

Clamp fastenings used in shoe manufacture and clamping devices.
Nauch.-issl. trudy TSNIKP no. 28: 44-60 '57. (MIRA 11:10)
(Shoe manufacture)

MURASHKOVSKIY, Yen L'vovich; MURAV'YEV, M.I., retsenzent; GRACHEVA, A.V.,
red.; MEDVEDEV, L.Ya., tekhn.red.

["Svit" No.02087 staple-lasting machine] Zatiazhno-skobochnaya
mashina tipa No.02087 "Svit." Moskva, Gos.nauchno-tekhn.izd-vo
lit-ry po legkoi promyshl., 1959. 97 p. (MIRA 12:12)
(Shoe machinery)

ROZENBLYUM, Yakov Shevelevich; MURAV'YEV, M.I., inzh., retsenzent;
KNAKHOVSKAYA, L.M., red.; PYATNITSKIY, V.N., tekhn.red.;
VINOGRADOVA, G.A., tekhn. red.

[MVR-1 machine for the sewing on welt] Mashina MVR-1 dlia
vshivaniia ranta. Moskva, Gizlegprom, 1963. 113 p.
(MIRA 17:3)

MUBA7'YEV, M.I.

Role and organization of measures for prevention of intestinal infections in the winter and spring. Sel'daher & aknsh., Moskva no. 3:10-13 Mar 1952. (CMLL 22:1)

MURAV'YEV, M. I.

Principal problems in hygiene and epidemic control work among the rural population. Zhur.mikrobi.epid.i immun. no.8:3-6 Ag '54.

(MIRA 7:9)

1. Zamestitel' nachal'nika Glavnogo sanitarno-protivepidemicheskogo upravleniya Ministerstva zdravookhraneniya SSSR.

(PUBLIC HEALTH,

*in Russia, sanit. & epidemiol. serv. in rural areas)

(RURAL CONDITIONS,

*in Russia, sanit. & epidemiol. serv.)

MURAVYEV, M.I.

Certain organizational problems in the prevention of pediatric infections.
Sov. zdrav. 14 no. 6:7-11 N-D '55. (MLRA 9:2)

I. Nachal'nik epidemiologicheskogo otdela Ministerstva zdravookhra-
neniya SSSR,
(COMMUNICABLE DISEASES, in infant and child,
prev. in Russia)

MURAV'YEV, M. I.

MURAV'YEV, M. I.; LYSENKO, A.Ya.; ZHUKOVA, T.A.; LEYKINA, Ye.S.

Parasitic diseases in the republics of Central Asia and in Trans-caucasia and their further decrease. Med.paraz. i paraz.bol. 26 no.4:
391-396 Jl-4g '57. (MIRE 10:11)
(PARASITIC DISEASES, epidemiology,
in Russia (Rus))

MURAV'YEV, M. I.

Control of infectious diseases in the U.S.S.R. and prospects for
their elimination. Med. sestra 20 no.6:3-8 Je '61. (MIRA 14:7)

1. Iz Gosudarstvennoy sanitarnoy inspeksiya Ministerstva zdravookhraneniya
SSSR, Moskva. /Zamestitel' nachal'nika epidemiologicheskogo otdela.
(COMMUNICABLE DISEASES--PREVENTION)

MURAV'IEV, M.I. (Moskva)

Organizing sanitary and epidemiologic measures in the rural medical
district. Fel'd. i akush. 26 no.8:37-41 Ag '61. (MIRA 14:10)
(PUBLIC HEALTH, RURAL)

L 10817-63 EMT(m)/BDS/ES(b)--AFFTC/ASD--X

ACCESSION NR: AP3003930

S/0205/63/003/004/0540/0544

AUTHOR: Murav'yev, M. N.

52

TITLE: Investigation of some manifestations of automatism of frog intestines after whole-body gamma radiation |Q

SOURCE: Radiobiologiya, v. 3, no. 4, 1963, 540-544

TOPIC TAGS: radiation sickness, automatism, gamma radiation, motor function

ABSTRACT: The rhythmic activity of isolated segments of frog intestine and their reactivity to acetylcholine and adrenalin after whole-body gamma radiation are examined. An EGO-2 unit was employed to subject the animals to a dosage of 50 cu of Co⁶⁰ gamma radiation; an electrokymograph recorded the reactions. The observed initial increase and subsequent retardation of the rectal contraction rate after irradiation was found to be accompanied by definite changes in intestine reaction to acetylcholine and adrenalin. It is believed that disruption of the acetylcholine-cholinesterase and adrenalin amine oxidase systems, as well as the radiation effect on the substratum responsible for the rhythmic impulses which set up the conditions for automatism, are important in the mechanism of radiation changes of the rhythmic activity of the intestine. Orig. art. has: 3 figures.

Card 1/7

MURAV'YEV, M. P.

Comparative evaluation of the function of external respiration and basal metabolism in a chronic nonspecific process in the lungs during air and oxygen respiration. Trudy SMI 16:29-36 '63.

(MIRA 18:1)

1. Iz kafedry gospital'noy terapii (zav. - dotsent I.P.Balovnev) Smolenskogo gosudarstvennogo meditsinskogo instituta. Nauchnyy rukovoditel' raboty dotsent A.I.Borokhov.

MURAV'YEV, M. S. Cand. Tech. Sci.

Dissertation: "Technical-Organizational Principles for Planned Preventive Repair of Machine Tools." Moscow Order of the Labor Red Banner Higher Technical School imeni N. E. Bauman, 16 Jun 47.

SO: Vechernaya Moskva, Jun, 1947 (Project #17836)

MURAV'YEV, M.S.

PHASE I BOOK EXPLOITATION

471

Zakharov, N.N., Kheyster, I.M., Lapitskiy, V. I., Murav'yev, M.S.,
Danchenko, M.N., Vecherin, Ya. P., Sventitskiy, M.A.

Organizatsiya, planirovaniye i ekonomika vspomogatel'nykh khozyaystv
mashinostroitel'nogo zavoda (Organization, Planning, and
Economics of Auxiliary Services in the Machine Building Plant)
Moscow, Mashgiz, 1957. 328 p. 15,000 copies printed.

Ed. (title page): Satel', E.A.; Ed. (inside book): Sirotin, M.A.,
Engineer; Reviewers: Borisov, G.S., Engineer (Part 1);
Trekhov, M.I., Engineer (Part 2); Berman, M.M., Engineer
(Part 3); Malyutin, N.K., Economist (Part 4); Shebalin,
V.M., Engineer; Tech. Ed.: Model', B.I.; Managing Ed. for
Literature on Economics and Organization of Machine Building:
Saksaganskiy, T.D.

PURPOSE: This book is a textbook for undergraduates taking the
"Organization and Planning of Machine-Building Industry" course
in engineering economics institutes, as well as by engineering
personnel of machine-building plants.

Card 1/14

Organization, Planning, and Economics (Cont.)

471

COVERAGE: This book is one in a series of textbooks prepared by the "Economics and Organization of the Machine-building Department" of the Moscow Institute of Engineering Economics, imeni S. Ordzhonikidze. Part I (Maintenance) is written by N.N. Zakharov, candidate of technical sciences, docent; Part II (Power), by I.M. Kheyster, candidate of technical sciences, docent; Part III (Equipment), by M.S. Murav'yev, candidate of technical sciences, docent; Part IV (Supply) by M.N. Demchenko, candidate of technical sciences, docent; Part V (Transportation) by M.N. Demchenko, Ya. P. Vecherin, and M.A. Sventitskiy. The following aspects are discussed: organization, planning, economics of maintenance, power, equipment, transportation, warehouses, and the question of supply operations in a machine-building plant.

3

Card 2/14

RAZUMOV, Ippolit Mikhaylovich, prof., doktor ekonom.nauk; SHUKHGOR'TER, Lev Yakovlevich, dotsent, kand.tekhn.nauk; TEPLOV, Georgiy Vasil'yevich, prof., doktor ekonom.nauk; TATUR, Sergey Kuz'mich, prof., doktor ekonom.nauk; KATSENBORG, Boris Yakovlevich, dotsent, kand.tekhn.nauk [deceased]; LETENKO, Viktor Aleksandrovich, dotsent, kand.ekonom.nauk; MURAV'IEV, Mikhail Semenovich, dotsent, kand.tekhn.nauk; KOMAROV, P.V., inzh., retsenzent; METT, G.Ya., dotsent, red.; SALYANSKIY, A.A., red.isd-va; SOKOLOVA, T.P., tekhn. red.; SMIRNOVA, G.V., tekhn.red.

[Organizing and planning machinery plants] Organizatsiya i planirovaniye mashinostroitel'nykh predpriyatiy. Pod red. I.M.Razumova i L.IA. Shukhgal'tera. Moskva, Gos.sauchno-tekhn.isd-vo mashinostroit. lit-ry, 1960. 491 p.
(MIRA 13:6)

(Machinery industry)

GLAGOLEVA, L.A., kand. tekhn. nauk, dots.; PROSKURYAKOV, A.V., kand. tekhn. nauk, dots.; IPATOV, M.I., kand. tekhn. nauk, dots.; RAZUMOV, I.M., prof., doktor ekon. nauk; PURTOV, S.G., inzh., starshiy prepodavatel'; MURAV'YEV, M.S., kand. tekhn. nauk, dots.; GRACHEVA, K.A., kand. tekhn. nauk, dots.; KOMAROV, F.V., inzh., retsentent; TOBIAS, D.A., kand. tekhn. nauk, red.; SALYANSKIY, A.A., red. izd-va; EL'KIND, V.D., tekhn. red.

[Problems for the course in the organization and planning of machinery plants] Sbornik zadach po kursu organizatsii i planirovaniia mashinostroitel'nykh predpriiatii. Pod red. I.M. Razumova, L.A. Glagolevoi. Moskva, Mashgiz, 1962. 261 p.

(MIRA 15:12)

(Machinery industry)

MURAV'IEV V. M.S.

MURAV'IEV, M.S.

Meeting on methods used in geodetic observations of deformations
in hydraulic structures. Geod.i kart. no.9:51-57 S '57.
(MIRA 10:11)
(Geodesy)

MURAV'YEV, M.S., dots.

Geodetic observations on deformations occurring in the concrete structures of the Tsimlyansk hydroelectric center. Trudy MIIGAIK no.29:33-56 '57. (MIRA 11:5)

1.Kafedra prikladnoy geodezii Moskovskogo instituta inzhenerov geodezii, aerofotos"zemki i kartografii.
(Tsimlyansk hydroelectric power station)
(Geodesy)

MURAV'JÉV M. S.

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CONTINUOUS

54 2/4

15

AUTHOR: Murav'yev, M. S., Docent SOV/154-58-3-4/24

TITLE: On High Stability Bench Marks (O reperakh osobo vysokoy ustoychivosti)

PERIODIC.: Izvestiya vysshikh uchebnykh zavedeniy. Geodeziya i aerofotos"yemka, 1958, Nr 3, pp 33-42 (USSR)

ABSTRACT. In present-day large-scale building sites bench marks are required to be stable to the degree of a few microns. The Kafedra Prikladnoy geodezii MIIGAiK (Chair of Applied Geodesy at the MIIGAiK) engaged in work concerning the development of a bench mark design which is not subjected to the influence of temperature and of the deformation of the upper layers of the ground. In this paper the solution found by the author is presented. The monuments must be driven down to the undestructible rock face, but never to a depth of less than 20 - 30 m. A connection with the point on the rock face and the surface must be established which is to be accurate to the rate of a few micron. The author suggests two variants of an inverse floating plumb device. One uses a liquid, the other is a dry design. He carried out with a model plumb demonstrated the reliability of the design. In one variant the bench mark is

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simultaneously used as datum level, the wire being an Invar wire. The methods of application for the plumbing device described and for practical bench marking will be presented in subsequent articles. There are 11 figures.

ASSOCIATION: Moskovskiy institut inzhenerov geodezii, aerofotos"yemki i kartografii (Moscow Institute of Surveying-, Aerial Surveying- and Cartography Engineers)

SUBMITTED: March 3, 1958

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AUTHOR:

Murav'yev, M. S., Docent

SOV/154-58-4-6/18

TITLE:

Surveying Methods of Recording Deformations in the
Tsimlyansk Water Power Development (Nablyudenija geo-
dezicheskimi metodami za deformatsiyami tsimlyanskogo
gidrouzla)

PERIODICAL:

Izvestiya vysshikh uchebnykh zavedenij. Geodeziya i aero-
fotos"yemka, 1958, Nr 4, pp 45 - 47 (USSR)

ABSTRACT:

In this paper the author gives a comment on the report published in "Trudy Moskovskogo instituta inzhenerov, aerofotos"yemki i kartografii", 1958, Nr 29, pp 33 - 56, which deals with surveying methods of recording movements in the **Tsimlyansk** water power development. In that report, special emphasis is laid on two methods which are due to the author and which are described in detail: The method of half a range line and of quarter a range line. Besides, the author discussed other methods already in use employing movable bench marks and eyepiece micrometers. This report also gives a substantiation of the reasons for a periodic repetition of the observations. Subsequently the methods of

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interpretation of the surveying data are discussed. Finally an analysis of the results obtained is presented. It is emphasized that seasonal fluctuations of the exact position of the concrete structures of the Tsimlyansk water power development could be observed. In order to clarify the problems connected with this phenomenon the Moscow Institute of Surveying-, Aerial Surveying-, and Cartography Engineers carried out special range line and temperature measurements on the concrete structures of the development. The comprehensive measurements carried out in this connection validated the assumption that the principal cause of these movements are to be found in the permanent temperature variations. This necessitates the use of other surveying methods. Demands are set up for the establishment of a complicated triangulation net in the area covered by the ~~Tsimlyansk~~ water power development which should permit a correct determination of movements. Furthermore proposals are advanced for the development of a new system of bench marks in that area. The seasonal

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fluctuations of the range line of the gravity-type structures of Tsimlyansk must be considered as being due to temperature influences. There is 1 figure.

ASSOCIATION: Moskovskiy institut inzhenerov geodezii, aerofotos"yemki i kartografii (Moscow, Engineering Institute of Surveying-, Aerial Surveying-, and Cartography Engineers)

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